



MAR 3 0 2004

Technology Center 2600

H7M AMCHA H-8-84

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

LEE, Kim Fung

Application No:

09/847,188

Filed:

May 1, 2001

For:

ADAPTIVE HYBRID FOR A DIGITAL SUBSCRIBER LINE

ANALOG FRONT END

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313 Examiner:

HA, Dac V.

Art Unit:

2634

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March 22, 2004

Date of Deposit

William D. Davis

Name of Person Mailing Correspondence

Attorney Docket No: 75622.P0035

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AMENDMENT

In response to the Office Action mailed November 13, 2003, applicant respectfully requests amendment of the application as follows:

Approved for use through 08/30/2003. OMB 0651-0031 and Trademark Office; U.S. DEPARTMENT OF COMMERCE of information unless it displays a valid OMB control number.

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TRANSMITTAL	Application Number	09/847,188	
	Filing Date	May 1, 2001	
FORM	First Named Inventor	LEE, Kim Fung	
(to be used for all correspondence after initial filing)	Art Unit	2634	
	Examiner Name	HA, Dac V.	
Total Number of Pages in This Submission	Attorney Docket Number	75622.P0035	

ENCLOSURES (Check all that apply)									
\	Amendme Af Af Extension Express A	ee Attach ent/Reply fter Final ffidavits/d n of Time Abandonr	declaration(s) Request ment Request			vert to a olication ney, Revocation respondence Address aimer	RETU	to Technolo Appeal Con of Appeals Appeal Con (Appeal Not Proprietary Status Lett	osure(s) (please ow):
	Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53			narks			Techr	ECEIVED MAR 3 0 2004 nology Center 2600	
			SIGNA	TURE	OF APPLICA	ANT, ATTORNEY, O	OR AG	ENT	
or Individ	Firm or Individual name William D. Davis, Reg. No. 38,428								
Signat	иге	hh	Chin A	Harris					
Date March 22, 2004									
CERTIFICATE OF TRANSMISSION/MAILING									
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.									
Typed	or printed r	name	William D. [Davis					
Signat	ure		Weller	7	De.			Date	March 22, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03)
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EE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

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Co	omplete if Know	rn	
Application Number	09/847,188		
Filing Date	May 1, 2001	KECEIVE)
First Named Inventor	LEE, Kim Fung		
Examiner Name	HA, Dac V.	MAR 3 0 2004	
Art Unit	2634	Technology Center 26	'n
Attorney Docket No.	75622.P0035	Leginology control 10	, O

Check	METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Deposit Account:		3. ADDITIONAL FEES					
Code Fee Fee Fee Description Fee Paid Surcharge Late Right eer or adh Late Large Early Small Entity Fee Fee Fee Description Fee Paid Large Late		Large I	Large Entity Small Entity				
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Deposit Account					• •	Surcharge - late filing fee or oath	T CC F ald
Name	Deposit	1052	50	2052			
Charge fee(s) indicated below		1053	130	1053			
Charge any additional fee(s) or any underpayment of fee(s) 1804 920 1804 920 Requesting publication of SIR prior to Examiner action 1805 1,840 1,840 1		1812	2,520	1812 2	2,520	For filing a request for ex parte reexamination	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		1804	920*	1804			
Total Claims Independent Indep		1005	1 040*	1005			
1. BASIC FILING FEE		1805	1,840	1805	1,840-		
1. BASIC FILING FEE Large Entity Small Entity	FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
Large Entity Small Entity Fee		1252	420	2252	210	Extension for reply within second month	010
Code (\$)	Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	210
1001 770 2001 385		1254	1,480	2254	740	Extension for reply within fourth month	
1003 530 2003 265 Plant filing fee 1402 330 2402 165 Filing a brief in support of an appeal 1403 290 2403 145 Request for oral hearing 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unintentional 1451 1,510 1451 1,510 1451 1,510 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1460 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1454 1,510 1451 1,510		1255	2,010	2255	1,005	Extension for reply within fifth month	
1403 290 2403 145 Request for oral hearing 1403 290 2403 145 Request for oral hearing 1405 160 2005 80 1405 160 2005 80 2005	1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal	
1451 1,510 145	1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
SUBTOTAL (1) (\$) 0	1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from below Fee Paid Independent Claims Independent Claims Multiple Dependent Fee Fee Fee Code (\$) Fee Fee Fee Code (\$) Fee Pee Description Code (\$) Fee Pee Description Fee Description Fee Description Fee Description Fee Description Fee Pee Description Fee Pee Description Fee Description Fee Fee Fee Fee Fee Fee Fee Code (\$) Fee Description Fee Fee Fee Fee Fee Fee Fee Code (\$) Fee	1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from below Fee Paid Total Claims Independent Claims Multiple Dependent Large Entity Small Entity Fee Fee Code (\$) Code (\$) Tode (\$) Code (\$) Tode (\$) Code (\$) Tode (\$) Code (\$) Total Claims 13	SUBTOTAL (1) (\$) 0	1452	110	2452	55	Petition to revive - unavoidable	
Total Claims Independent Claims Multiple Dependent Claims Multiple Dependent Code (\$) Code (\$		1453	1,330	2453	665	Petition to revive - unintentional	
Total Claims 13 -20** =	Fee from	1501	1,330	2501	665	Utility issue fee (or reissue)	
Independent Claims Multiple Dependent Large Entity Small Entity Fee Fee Fee Code (\$) 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claims over original patent Independent 1460 130 Petitions to the Commissioner 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 Submission of Information Disclosure Stmt Recording each patent assignment per property (times number of properties) 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) 1807 50 Processing fee under 37 CFR 1.17(q) 1808 180 Submission of Information Disclosure Stmt Recording each patent assignment per property (times number of properties) 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 770 2801 385 For each additional invention to be examined (37 CFR 1.129(b)) 1809 770 2801 385 Request for Continued Examination (RCE)		1502	480	2502	240	Design issue fee	
Multiple Dependent Large Entity Small Entity Fee Fee Fee Fee Fee Code (\$) 1202	Independent	1503	640	2503	320	Plant issue fee	
Large Entity Small Entity Fee Fee Fee Fee Fee Code (\$)	Claims	1460	130	1460	130	Petitions to the Commissioner	
Fee Fee Code (\$) 1202 18 1202 9 Claims in excess of 20 1201 86 1203 290 1203 145 Multiple dependent claims in excess of 3 1204 86 1204 40 1205 180 180 180 180 180 180 180 180 180 180		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Code (\$) Code (1806	180	1806			
1202 16 2202 9 Claims in excess of 20 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1203 290 2203 145 Multiple dependent claim, if not paid 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) 2804 43 ** Reissue independent claims over original patent 1801 770 2801 385 Request for Continued Examination (RCE) 1801 770 2801 385 Request for Continued Examination (RCE)	Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1203 290 2203 145 Multiple dependent claim, if not paid 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) 2204 43 ** Reissue independent claims over original patent 1801 770 2801 385 Request for Continued Examination (RCE)	100 100 100 100 100 100 100 100 100 100	1809	770	2809	385	Filing a submission after final rejection	
1204 86 2204 43 ** Reissue independent claims over original patent 1801 770 2801 385 Request for Continued Examination (RCE)		1810	770	2810	385	, , , , ,	
over original patent 1801 770 2801 385 Request for Continued Examination (RCE)		'310	, , ,	2010	303		
1205 18 2205 9 ** Reissue claims in excess of 20 1802 900 1802 900 Request for expedited examination	over original patent	1801	770	2801	385	Request for Continued Examination (RCE)	L
and over original patent of a design application		1802	900	1802	900		
SUBTOTAL (2) (\$) 0 Other fee (specify)	SUBTOTAL (2) (\$\ 0	Other	fee (sp	ecify) _			
*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 210		*Redu	iced by	Basic F	iling Fe	ee Paid SUBTOTAL (3) (\$) 210	

SUBMITTED BY (Complete (if applicable)) Registration No. William D. Davis Name (Print/Type) 38,428 Telephone 512-306-9470 (Attorney/Agent) March 22, 2004 Signature

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